NEW!

dLAN®
Power supply 200-18

One device – twice the value

- **Power adapter and HomePlug AV adapter**
- **Data transmission via the electrical wiring**
- **Up to 200 Mbps**

Produkt-Highlights

- Power adapter and HomePlug AV adapter in a single, compact unit – just one wall socket needed
- HomePlug AV adapter with transfer rates of up to 200 Mbps – ideally suited to broadband multimedia applications such as IPTV, Video on Demand and bandwidth-intensive Internet applications
- TR-069 – remote configuration and monitoring
- Quality Indicator LED for determining broadband status
- Quality of Service (QoS) – guarantees transmission quality by automatically prioritising data
- 1 Ethernet port Auto MDI/X
- Range: 200 m over electrical wiring
- Secure data encryption
- Patented power save mode. Automatically uses up to 30% less power in standby mode.

The dLAN Power supply 200-18 does it all: It combines power adapter and HomePlug adapter in one device. This new, compact adapter by devolo requires only one wall socket. The advantages are obvious: network-compatible products become part of the HomePlug system with a twist of a wrist using this external power adapter with integrated dLAN technology. The potential combinations with various devolo network devices are unlimited.

The new devolo dLAN Power supply 200-18 transmits data, voice and video (triple-play) at speeds of up to 200 Mbps via electrical wiring.

With this high bandwidth, you can enjoy applications such as IPTV in HD quality, video on demand, VoIP telephony and high-speed Internet – without any interference, thanks to Quality of Service technology. When you want to change the network use in a room or at your desk, the network moves with you, without ever having to move or install a single new cable.

Security with top network performance

The new devolo dLAN Power supply 200-18 supports TR-069. This protocol regulates communication between end devices and control, thus building the framework necessary for an efficient DSL broadband infrastructure.

Secure your network with the new dLAN Power supply 200-18 – with just a push of a button. The "Encryption Button" makes it yet easier and more convenient to configure a dLAN network. With a single push of a button, you can enable individualised data encryption. No additional software configuration necessary – convenient and simple, from the very start.

Bandwidth management

The dLAN Power supply 200-18 is equipped with a "Quality Indicator", which indicates the current bandwidth using a three-colour LED. Internet service providers have the ability to set levels individually for projects. A diagnostic mode, which is optionally offered in projects, can be used as a quality check for the transfer rate between two dLAN adapters – without any network devices connected!

devolo

dLAN® Power supply 200-18 performance features

General

- Adapter for electrical power network
- Transmission frequency range: 2 MHz - 30 MHz

Standards

- Ethernet specifications IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X
- HomePlug AV

Protocols

CSMA/CA

Transmission speed

Up to 200 Mbps (gross)

Transmission method

asynchronous

Modulation

OFDM - 1155 carriers, 1024/256/64-QAM, QPSK, BPSK

Range

200 m

Security

128 bit AES encryption at the touch of a button

QoS

Analysis and classification of data traffic via:

- VLAN Tag Priority IEEE 802.1p
- Type of Service (ToS)
- IGMP Snooping
- Traffic type (unicast/multicast/broadcast)
- Differentiated Services (DSCP)

Dimensions

65 mm x 40 mm x 136 mm
(width x depth x height)

Weight

425 g

Indicators and connections

LEDs

- Power / Power-Save
- Ethernet (Link/Act)
- dLAN (Link/Act/quality)

dLAN port

EURO mains plug

Device port

- RJ45, 10/100 Mbit/s, Auto MDI/X
- Universal plug, 5-20V
  (ED 5,5 mm, ID 2,1 mm, 1,5A, 18W)

Internal power supply

Power consumption

30 W

Power supply

AC 200-240V 50Hz

Ambient conditions

Temperature

Storage: –25°C – +70°C
Operation: 0°C – +40°C

Humidity

10–90% humidity (non-condensing)

System requirements

Device interfaces

Ethernet interface

Operating systems

Windows® XP32bit/Vista32bit/Vista64bit, Linux®, Mac OS® X and all operating systems with TCP/IP support

Certifications

Approvals

CE-compliant in accordance with the technical requirements of all EU countries and Switzerland:

- EN 412-2-1: 2005
- EN 55022: 2006
- EN 60950-1: 2006

devolo AG Deutschland
Sonnenweg 11, 52070 Aachen
Tel. : +49 (0)241-18279-79
Fax : +49 (0)241-18279-99
E-Mail: info@devolo.de
Web: www.devolo.com

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